

AMENDMENTS TO THE CLAIMS:

Claims 1 to 17 (canceled)

18. (currently amended) A suction device comprising:

a) a suction cup;

b) a pulling bar, the pulling bar comprising:

5 a first end coupled to the suction cup; and

an opposed second end;

c) a cover having a spiral guiding ring with a flange; and

d) a spiral guiding and locking cap having a rib and a detent step;

wherein the spiral guiding and locking cap is rotatably coupled to the spiral-guiding ring

10 so that the rib rides along the flange when rotated until the flange engages the detent step;

wherein the spiral guiding and locking cap is rotatably coupled to the second end of the
pulling bar; and

wherein the spiral guiding and locking cap is turned less than 360 degrees to reach a fully
engaged condition.

15 19. (canceled)

20. (currently amended) The apparatus of claim 18 ~~19~~ wherein:

the spiral guiding ring further comprises a step;

20 the spiral guiding and locking cap further comprises a tab; and

wherein the step engages the tab to prevent rotation of the spiral guiding and locking cap
beyond the fully engaged condition.

21. (original) The apparatus of claim 18 wherein the spiral guiding and locking ring
25 further comprises:

an exterior surface; and

a lever coupled to the exterior surface.

22. (previously presented) A suction device comprising:

a) a suction cup;

b) a pulling bar, the pulling bar comprising:

a first end coupled to the suction cup;

a male thread; and

an opposed second end;

c) a cover having a spiral guiding ring, the spiral guiding ring having a flange;

d) a spiral guiding cap having a rib, the spiral guiding cap being rotatably coupled to the spiral-guiding ring so that the flange moves along the rib when the spiral guiding cap is rotated; and

e) a locking cap coupled to the second end of the pulling bar, the locking cap having a head positionable against the spiral guiding cap and a female thread engageable with the male thread of the pulling bar; and

wherein the spiral guiding cap is turned less than 360 degrees to reach a fully engaged condition.

23. (previously presented) The apparatus of claim 22 wherein:

the spiral guiding cap further comprises a detent; and

upon rotation of the spiral guiding cap, the detent engages the flange to hold the spiral guiding cap in place.

24. (previously presented) The apparatus of claim 22 wherein the spiral guiding cap is turned less than 90 degrees to reach the fully engaged condition.

25. (previously presented) The apparatus of claim 22 wherein the spiral guiding cap further comprises a lever.

26. (previously presented) A suction device comprising:

a) a suction cup;

b) a pulling bar, the pulling bar comprising:

a first end coupled to the suction cup;

a female thread; and

an opposed second end;

c) a cover having a spiral guiding ring, the spiral guiding ring having a flange;

d) a spiral guiding cap having a rib, the spiral guiding cap being rotatably coupled to the spiral-guiding ring so that the flange moves along the rib when the spiral guiding cap is rotated; and

e) a locking cap coupled to the second end of the pulling bar, the locking cap having a head positionable against the spiral guiding cap and a male thread engageable with the female thread of the pulling bar; and

wherein the spiral guiding cap is turned less than 360 degrees to reach a fully engaged condition.

27. (previously presented) The apparatus of claim 26 wherein:

the spiral guiding cap further comprises a detent; and

upon rotation of the spiral guiding cap, the detent engages the flange to hold the spiral guiding cap in place.

28. (previously presented) The apparatus of claim 26 wherein the spiral guiding cap is turned less than 90 degrees to reach the fully engaged condition.

29. (previously presented) The apparatus of claim 26 wherein the spiral guiding cap further comprises a lever.

30. (previously presented) A suction device comprising:

a) a suction cup;

b) a pulling bar, the pulling bar comprising:

a first end coupled to the suction cup;

a boss; and

an opposed second end;

c) a cover having a spiral guiding ring, the spiral guiding ring having a flange;

d) a spiral guiding cap having a rib, the spiral guiding cap being rotatably coupled to the spiral-guiding ring so that the flange moves along the rib when the spiral guiding cap is rotated; and

e) a locking cap coupled to the second end of the pulling bar, the locking cap having a head positionable against the spiral guiding cap and a detent engageable with the boss of the pulling bar; and

wherein the spiral guiding cap is turned less than 360 degrees to reach a fully engaged condition.

31. (previously presented) The apparatus of claim 30 wherein:

the spiral guiding cap further comprises a detent; and

upon rotation of the spiral guiding cap, the detent engages the flange to hold the spiral guiding cap in place.

32. (previously presented) The apparatus of claim 30 wherein the spiral guiding cap is turned less than 90 degrees to reach the fully engaged condition.

33. (previously presented) The apparatus of claim 30 wherein the spiral guiding cap further comprises a lever.

34. (currently amended) A method of attaching an object to a flat surface, the method comprising:

obtaining an apparatus according to claim ~~22~~ 30;

placing the apparatus against the flat surface; and

5 rotating the spiral guiding cap less than 360 degrees to stick the apparatus to the flat surface.